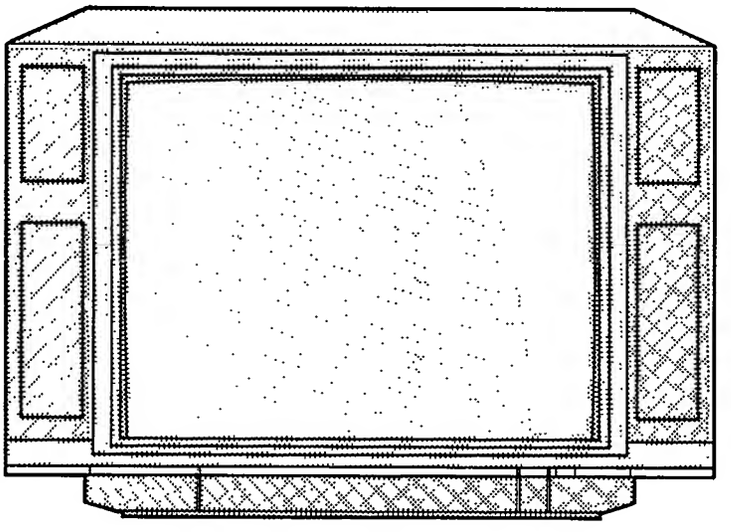
CONSUMER ELECTRONICS

PHILIPS

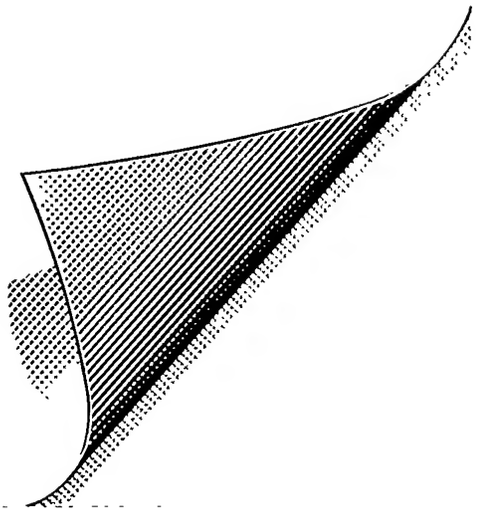


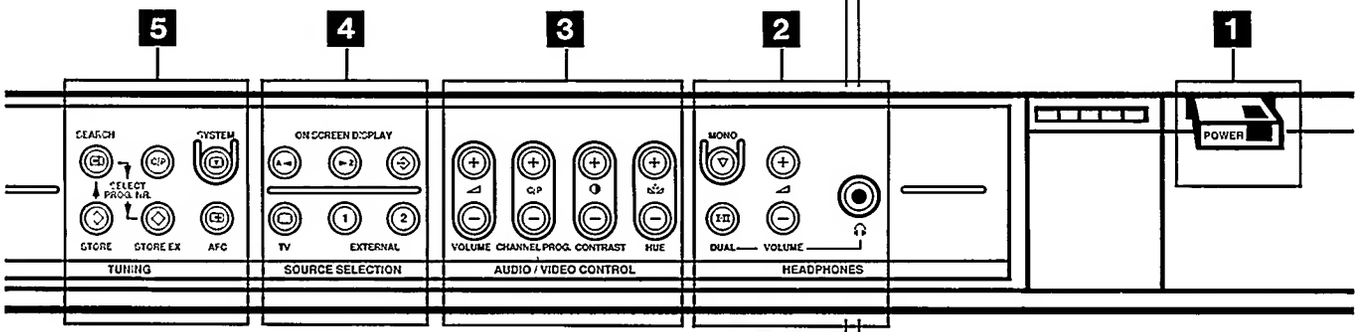
24CI1770
24CI1777

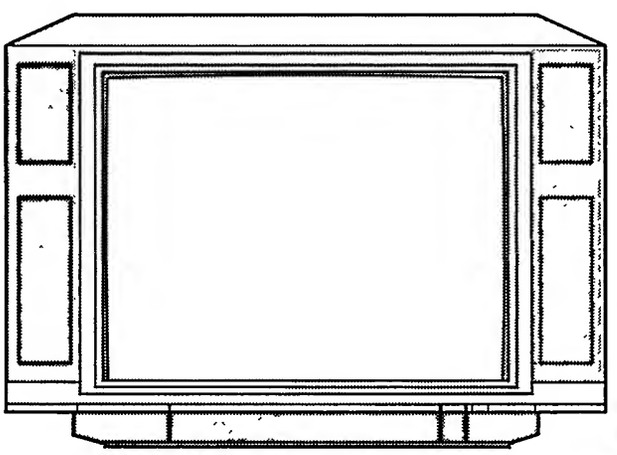
27CI1790
27CI1797

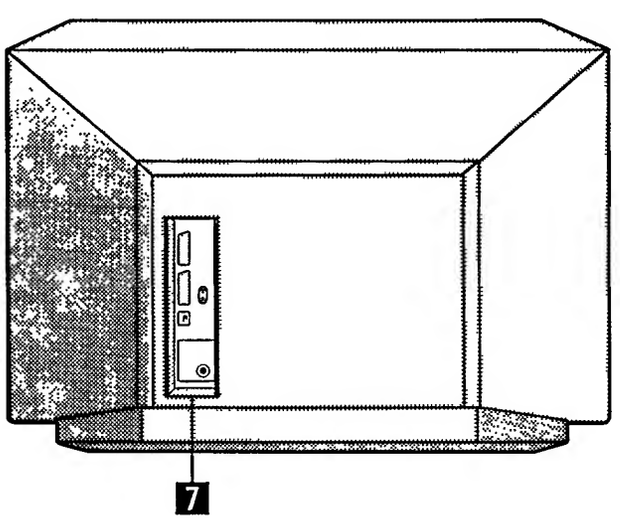
COLOUR TELEVISION
FARBFERNSEHER
TÉLÉVISEUR COULEUR
KLEURENTELEVISIE
TELEVISORE A COLORI
FARVEFJERNSYN
FARGE-TV
FÄRG-TV
VÄRITELEVISIO

English	**Operating instructions** Page 1-13	**Attention!** ● Always open this flap page first.
Deutsch	**Bedienungsanleitung** Seite 14-25	**Achtung!** ● Immer zuerst dieses Umschlagblatt öffnen.
Français	**Mode d'emploi** Page 26-37	**Attention!** ● Commencez toujours par ouvrir ce rabat.
Nederlands	**Gebruiksaanwijzing** Pagina 38-49	**Attentie!** ● Altijd eerst deze flap openslaan.
Italiano	**Istruzioni per l'uso** Pagina 50-62	**Attenzione!** ● Aprire sempre prima questa pagina pieghevoie.
Dansk	**Betjeningsvejledning** Side 63-74	**Bemærk!** ● Denne klapside skal altid slås op som noget af det første.
Norsk	**Bruksanvisning** Side 75-86	**Merk!** ● Denne klaffsiden må alltid åpnes først.
Svenska	**Bruksanvisning** Sidan 87-98	**Obs!** ● Slå alltid upp den här fliken först.
Suomi	**Käyttöohje** Sivu 99-110	**Huom.!** ● Avaa aina ensin kääntösivu.




5
4
3
2
1
SEARCH
SYSTEM
SELECT PROG. NR.
STORE
STORE EX
AFC
TUNING
ON SCREEN DISPLAY
TV
EXTERNAL
SOURCE SELECTION
VOLUME
CHANNEL PROG.
CONTRAST
HUE
AUDIO / VIDEO CONTROL
MONO
DUAL
VOLUME
HEADPHONES
POWER

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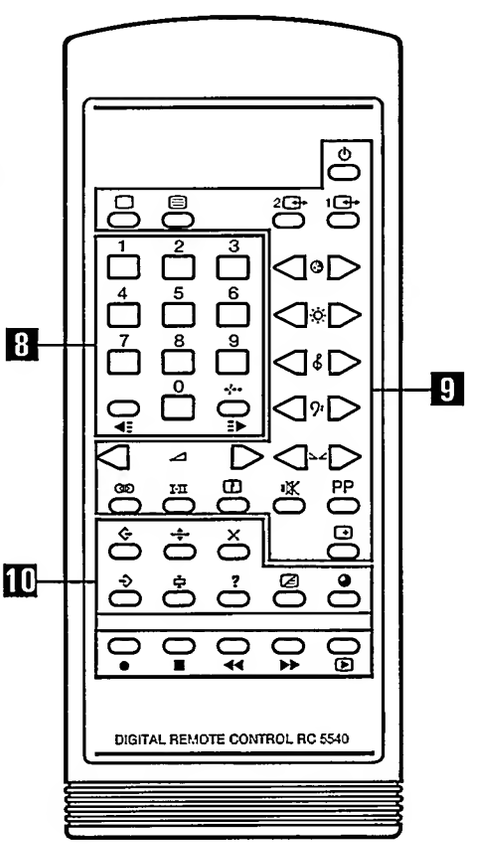

8
9
10
PP
DIGITAL REMOTE CONTROL RC 5540

Information for users in the UK

(Not applicable outside the UK)

Service for you

Your colour television has been designed and manufactured to the highest standards, and subject to rigorous testing. Provided it is properly operated and maintained it will perform well for many years. However, we all know that in such complex equipment components can sometimes fail.
The legal responsibility for meeting any in-guarantee service needs for your receiver rests with the dealer from whom you bought it. Our own Service Division – Philips Service – provides your dealer with comprehensive technical advice, and distributes approved spare parts from Service Centres throughout the country. If your dealer has no service facilities, he can arrange for any work to be carried out by a competent third party organisation.
In any event you may expect speedy attention to restore your set to full working order without delay.

Free service for 12 months:
The dealer from whom the receiver was purchased will arrange for any defect in manufacture or material to be rectified without charge for a period of 12 months from the date of initial consumer sale provided:
- reasonable evidence is supplied that the set was purchased within 12 months prior to the date of claim
- the defect is not due to use of the set on an incorrect voltage or contrary to the Company's Operating Instructions or to accidental damage (whether in transit or otherwise); misuse; neglect; unauthorised or inexpert modification or repair.

The picture tube guarantee is administered by Mullard Limited, renowned manufacturer of colour picture tubes.
In addition to the customary 1 year free tube guarantee, Mullard will extend the guarantee period by a further 3 years for a nominal fee.
To register your tube guarantee please send:
a) your name and address;
b) your set's identity card (which will be returned to you);
c) a cheque/p.o. made out to 'Mullard Ltd' for £ 15.00 if you wish to extend your 1 year by a further 3 years;
to the following address:

Mullard Limited
Service Department
Free Post
Beddington Lane
Croydon CR9 9AU

Service after 12 months:
Continuing service after 12 months is available in the same way but the service will be chargeable.

These statements do not affect your statutory rights as a consumer.

If you have any question which your dealer cannot answer, please write to:

C.E. Consumer Relations Department
P.O. Box 298
420 London Road
Croydon CR9 3QR

All enquiries and claims can be handled more efficiently if accompanied by the Identity Card printed on the back cover of this booklet – this is provided for your reference and should be kept in a safe place.

Positioning the TV

For the best results, choose a position where light does not fall directly on the screen, and at some distance away from radiators or other sources of heat. Leave a space of no less than 3 cm all round the set for ventilation, making sure that curtains, cupboards etc. cannot obstruct the air flow through the ventilation apertures.
The set is intended for use in a domestic environment only and should never be operated or stored in excessively hot or humid atmospheres.

Fitting the stand (if provided)

Use only the stand provided with the set, making sure that the fixings are properly tightened. A diagram showing how to assemble the stand is packed in the castor bag. **Never** use a make-shift stand, or legs fixed with woodscrews.

Mains connection

Before connecting the TV set to the mains, check that the mains supply voltage corresponds to the voltage printed on the type plate on the rear panel of the TV. If the mains voltage is different, consult your dealer.

Important
The wires in the mains lead are coloured according to the following code.

BLUE = NEUTRAL
BROWN = LIVE

If the mains plug (or adaptor) contains a fuse, the value of this fuse should be 3 amp. Alternatively, if another type of plug (not fused), is used, the fuse at the distribution board should not be greater than 5 Amp.
If the colours of the wires in the mains lead do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The BLUE wire should be connected to the terminal marked 'N' or coloured black.
The BROWN wire should be connected to the terminal marked 'L' or coloured red. Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead – not simply over the two wires.

Connecting the aerial

The aerial should be connected to the socket marked ⊓ at the back of the set. An inferior aerial is likely to result in a poor, perhaps unstable picture with ghost images and lack of contrast. Make-shift loft or set-top aerials are often inadequate. Your dealer will know from experience the most suitable type for your locality.
Should you wish to use the set in conjunction with other equipment, which connects to the aerial socket such as TV games, or a video camera it is recommended that these be connected via a combiner unit to avoid repeated connection and disconnection of the aerial plug.

General Points

Please take note of the section 'General' at the end of the English section in this booklet.

Interference
The Department of Trade and Industry operates a Radio Investigation Service to help TV licence holders improve reception of BBC and IBA programmes where these are being spoilt by interference. If your dealer cannot help, ask at a main Post Office for the booklet 'How to Improve Television and Radio Reception'.

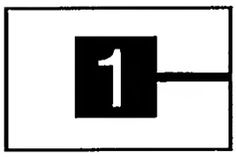
Stereo TV sound
At present there are no TV broadcasts in the UK with stereo sound. TV sets with stereo sound facilities will reproduce stereo sound from suitable external sources connected via the Euroconnector socket, eg. stereo Video Recorder replaying pre-recorded material.

Introduction

All functions and facilities of the TV and remote control are described in these operating instructions.

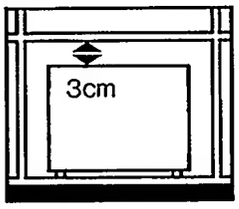
With this TV it is possible using text on the screen (OSD) to display various functions, modes and operations as indicators.

The easiest way to learn how to use this TV is to perform the operations described in the order shown.



Important
The drawings in the text are accompanied by figures, e.g. 1. These correspond to the same figures on the fold-out flap. This enables you to find easily the corresponding buttons on the TV and remote control.

Installation

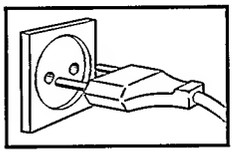


When positioning (building-in) the TV leave a space of at least 3 cm around the set for ventilation.

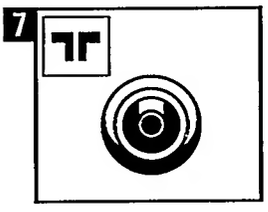
Do not place the TV on a soft base.

The TV is suitable for a mains voltage of 220/240 V. If the mains voltage is different, consult your dealer.
The mains voltage for the UK is 240 V.

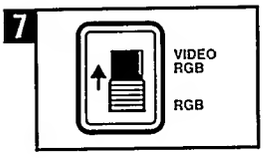
Connecting the set



- Put the plug of the TV in the socket.



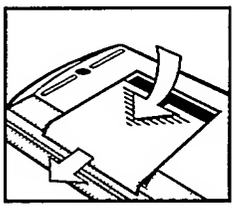
- Connect TV aerial to input ⌐r.



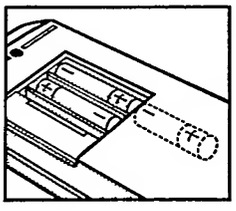
- Set the switch in the VIDEO RGB position.

Remote control

Inserting the batteries



- Open the cover and remove.

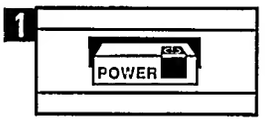


- Insert 3 batteries (Philips R03S) as indicated.

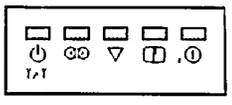
- Replace cover.

Adjustment

Switching on/off

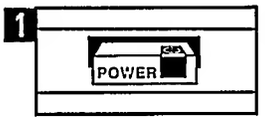


● To switch on: Press button POWER ⏻.
PR 1 appears for a while at top right in your picture.



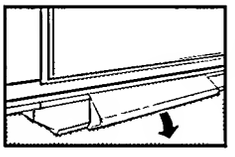
The indicator ⏻ will also come on.

Note 1: If indicator ⏻ is lit, you must press a digit button on the remote control.



Note 2: You can switch off the TV by pressing button POWER ⏻ again.

Control panel



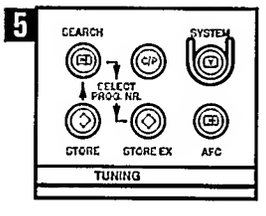
● Open the flap by pressing it at the top; the control panel will then slowly come out.

Searching for and storing TV stations in the memory

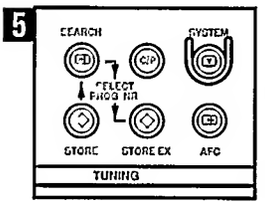
Important!

Channel numbers
TV stations transmit programmes via TV channels, indicated as CH followed by two figure numbers (or three on the hyperband model).

Programme numbers
You select a TV station by means of a number (programme number) which you allocate to it. These programme numbers can be indicated as PR followed by one- or two-digit numbers (0 to 9 or 00 to 49).

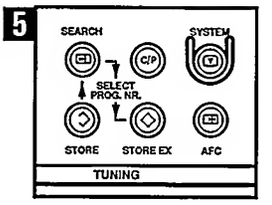


A.
● Press key ◇ (STORE).
On the TV screen the indication CH appears with a channel number and the indication PR appears flashing with a programme number.

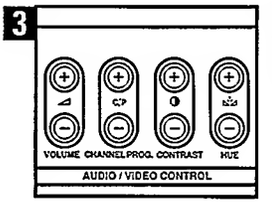


B.
● Press button ⏭ (SEARCH). Channel numbers begin to run up on the TV screen.
When a TV station has been found, but the picture is poor* or it is not the right station, continue searching by pressing button ⏭ (SEARCH) again.
If no TV station is found, you can select another system by pressing button Ⓨ (SYSTEM).

The TV system to be used is indicated on the TV screen as a red block.
1. PAL + SECAM (B + G)
2. SECAM LL'
3. NTSC (M)



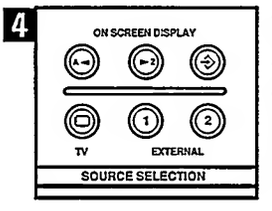
*** Fine tuning (AFC)**
If a TV transmitting station found is not being optimally received, extra tuning can be carried out to improve the picture.
● Press button ⏭ (AFC).



C.
● If the required TV station is found, then select a programme number. Press button + or — C/P to select a programme number.

Note. You can give 50 TV stations a programme number from 00 to 49.

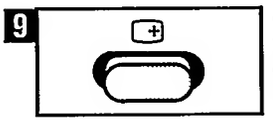
If required, a name can be programmed for the TV station found (max. 5 positions).



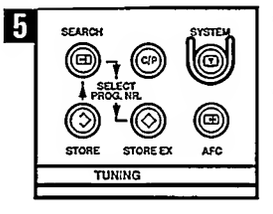
● Press button A ← or → Z, so that the required letter or the required digit are found:
● Press button ◇ (ENTER).
Select following letter or digit, etc.
Repeat the operation until the station name has been stored.

In this way a name can be allocated to a maximum of 34 TV stations.

Note. It is possible to call up the programmed station names of TV stations already adjusted via OSD (as a check).



● Press button ⊡, the list appears on the screen.
● Press button ⊡ again to switch off OSD.



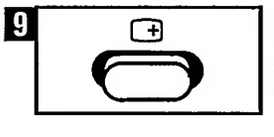
D.
● Press button ◇ (STORE EX) and keep it pressed in until indicator PR no longer flashes. The TV station, possibly with the programmed station name, will now be established under the selected programme number.

Searching for and storing other TV stations

For searching and storing the remaining TV stations (max. 50), repeat operations **A**, **B**, **C** and **D**.

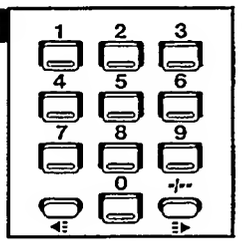
Calling up list

If required you can call up the list of the possible programmed station names with their corresponding programme number.

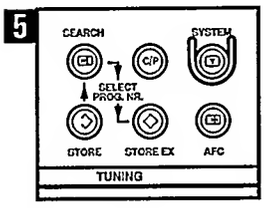


● Press button ⊡ and keep it pressed in until the list appears on the screen.
● Press button ⊡ again to switch off OSD.

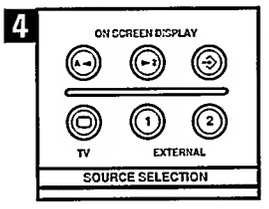
Erasing programmed TV station names (OSD)



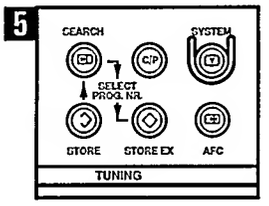
- Select the appropriate programme number.



- Press button ◇ (STORE).



- Press buttons A ← and → Z at the same time.



- Press button ◇ (STORE EX).

The name of the transmitting station is now erased from the OSD overview list.

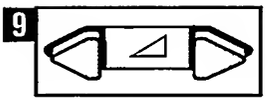
Personal preference setting of picture and sound

Here also you can switch on OSD (see appropriate section 'Calling up OSD').

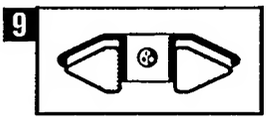
Note: The contrast and the HUE are not reported via OSD.

Picture and sound have already been set in the factory in accordance with the average standard. It is however possible to set both picture and sound according to your personal preference and to store these settings in the memory.
As a result the factory setting is cancelled.

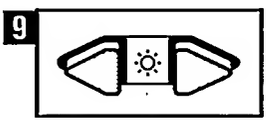
Setting
To do this, press the plus ▷ or minus ◁ side of the relevant controls.



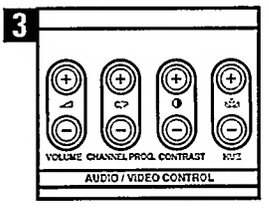
Volume ◿



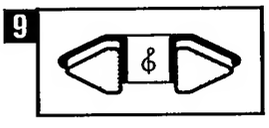
Colour saturation



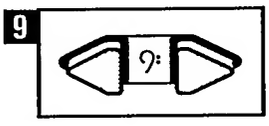
Brightness ☼



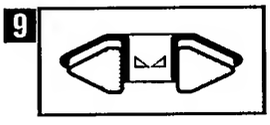
Contrast ◑



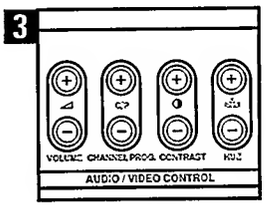
Treble 𝄞



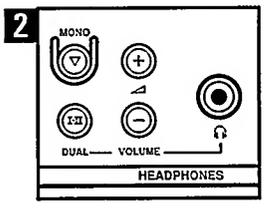
Bass 𝄢



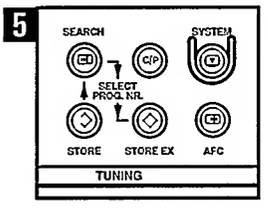
Balance ◺◿



HUE (tint) only with NTSC.



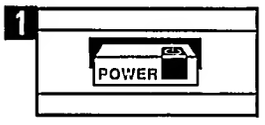
Volume ◿ (headphones) 🎧.



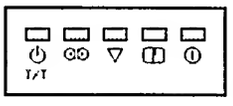
- Press button ◇ (STORE EX). The changes implemented are now stored in the memory.

Operating the TV

Switching on/off

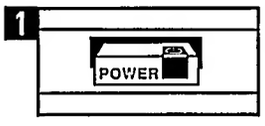


● To switch on: Press button POWER ⏻.
PR 1 appears for a while at top right in your picture.



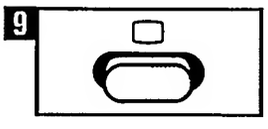
The indicator ⏻ will also come on.

Note 1: If indicator ⏻ is lit, you must press a digit button on the remote control.



Note 2: You can switch off the TV by pressing button POWER ⏻ again.

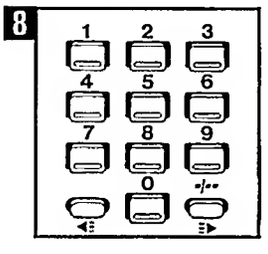
TV mode



From Teletext mode and External*, switch back to TV programme choice.
● Press button ▭.

* External refers to modes 1 ⇥ or 2 ⇥ for sets linked to the Euroconnector **external** 1 and/or **external** 2.

Programme selection



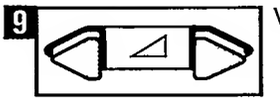
Select the required programme number with the digit buttons.
● First press button -/-- for programme numbers which consist of 2 digits.
Back to one-digit programme numbers.
● Press button -/-- again.

Note: When selecting a programme number, the selected programme number and, if required, the programme station name appear on the top right of the screen for ± 3 sec. The text 'STEREO' appears with stereo sound transmissions, and the text 'DUAL I or II' with bilingual sound transmissions.

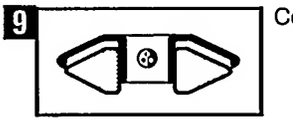
Changing picture and sound settings

Here you can also switch on OSD (see appropriate section 'Calling up OSD').

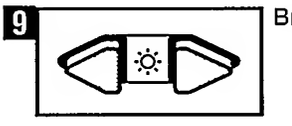
If required you can change the picture and sound settings by pressing the plus ▷ or minus ◁ side of the following controls.



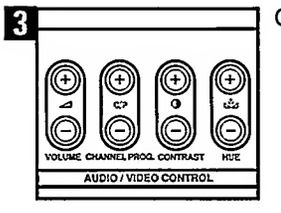
Volume ◿



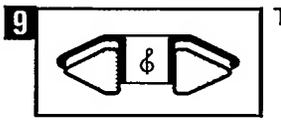
Colour saturation ⊛



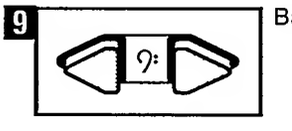
Brightness ☼



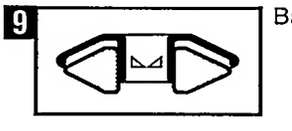
Contrast ◑



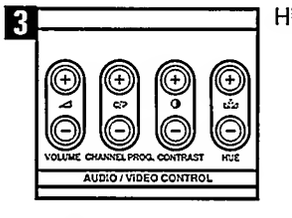
Treble 𝄞



Bass 𝄢



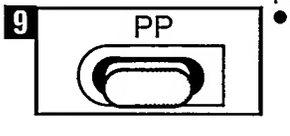
Balance ◺◿



HUE (tint) ⛆ only with NTSC.

'Green' button PP

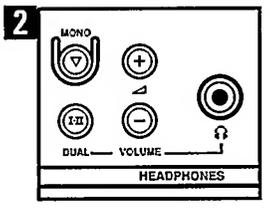
After changing picture and sound settings you can return to the personal preference setting.
● Press button PP.



Stereo sound

As indicator that the sound is broadcast in stereo, after switching on OSD, STEREO appears on the screen.

If required you can return to mono reproduction.



- Press button ▽ (MONO), indicator ▽ lights up.
If required, press button ▽ (MONO) again to return to stereo sound.

Note: When selecting a programme number, if it is in stereo this is displayed for a moment on the screen.

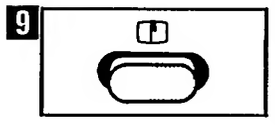
Spatial sound - stereo or mono

It is possible to give the sound an extra spatial effect.

- Press button ⧏⧐. Indicator ⧏⧐ lights up.
- Press button ⧏⧐ again to return to normal stereo or mono sound.

Picture/contour sharpening

Depending on your preference you can switch on the picture/contour sharpening facility.

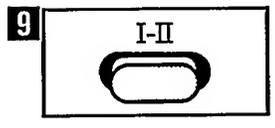


To switch on
- Press button ◫. Indicator ◫ lights up.

To switch off
- Press button ◫ again. Indicator ◫ is no longer lit up.

Language selection

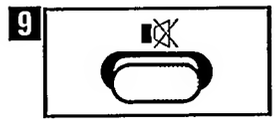
During broadcasts in two languages the indicator DUAL I or DUAL II is displayed on the screen when selecting the corresponding programme number.



- Press button I-II (DUAL) to hear the second language (II).
- Press button I-II (DUAL) again to select the first language (I).

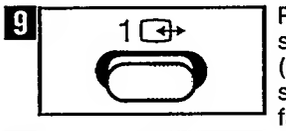
Note: When switching on OSD, if the broadcast is in two languages this is displayed on the screen.

Sound interruption

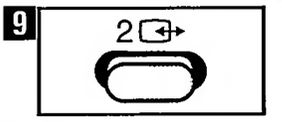


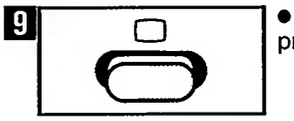
- Press button 🔇.
- Press button 🔇 again to obtain sound once more.

External mode



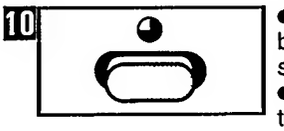
Press buttons 1⊡→ and 2⊡→ are for switching to a connected source (External), for this see the relevant section under 'Other connection facilities'.





- Button ▭ for return to TV programme.

Time indication

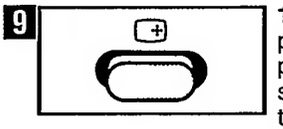


- Press button ◕. If the time is being broadcast it appears (top right) on the screen.
- Press button ◕ once more to make the time disappear again.

Calling up OSD

Picture indications (OSD)
It is possible to call up various functions on the screen as indicators.

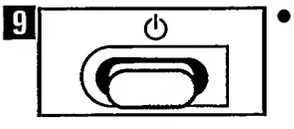
- First select the OSD function you require (1, 2 or 3).



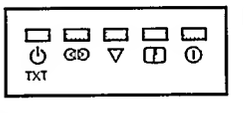
1. Press button ⊡→ briefly. The programme number belonging to the picture appears on the top right of the screen, if necessary supplemented with the TV station name.
2. Keep button ⊡→ pressed in until the picture and sound functions are displayed on the screen as bars. If you now want to change the picture or sound, will change the length of the bar.
3. Keep button ⊡→ pressed in until a menu is displayed on which the TV stations stored are given (programme number, channel number and programmed station name).
- Press button ⊡→ again to switch off OSD.

Standby

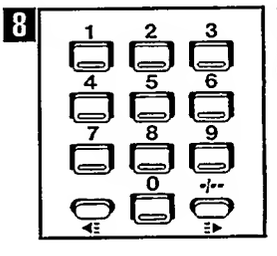
(interruption of picture and sound)



- Press button ⏻.



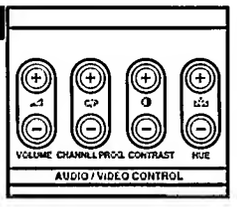
Indicator ⏻ lights up.



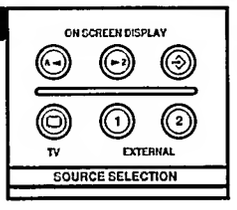
You can switch on the TV again by pressing a digit button on the remote control.

Operating the TV without remote control

The following controls are on the TV:

3 

plus + and minus — buttons ◿ for volume and plus + and minus — buttons C/P for programme number selection, with which the most important functions can also be operated without remote control.

4 

With the SOURCE SELECTION buttons 1, 2 (EXTERNAL) and ▢ (TV), you can select 2 connected sources and normal TV use, respectively .

Teletext

General description of Teletext

If Teletext is being broadcast it gives you a wide variety of information on all kinds of subjects by headings and pages.

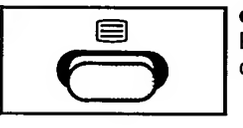
The remote control has the following buttons (with symbols in yellow):

- Teletext on
- Return to TV programme
- Teletext with TV programme
- ✕ Interruption of Teletext
- Double letter height
- Stop changing pages
- Time code/subcode
- ? Concealed information
- 0..9 Page selection buttons
- Return to last page viewed
- Page numbers run up
- Call up memory
- Enter in memory

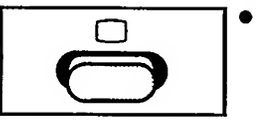
The functions of the various Teletext symbols are given later in the text.

Operating Teletext

Switching on/off
Select the required TV station on which Teletext is transmitted.

9 

- To switch on: Press button ▤. Page number 100 (generally the contents) now appears on the screen.

9 

- To switch off: Press button ▢.

In the following description of the Teletext functions it is assumed that Teletext has been switched on.

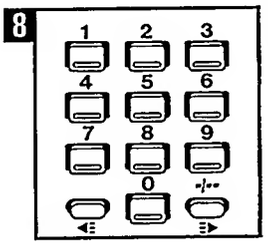
Page selection

The page number always consists of 3 digits (e.g. 120).

Note 1: Page numbers beginning with a 0 or 9 do not exist. If a 0 or 9 is chosen as the first figure, there is no reaction.

Note 2: If you have pressed a wrong digit button, you must first complete a combination of three digits and then select the correct page number again.

A. Direct page selection



Page selection:
- Select the required page with the digit buttons on the remote control.

When you choose a page number, the following 6 page numbers are automatically sought.

- Also press button ☰▶ if you want these pages to appear on the screen in succession.

Note: The previous page number always remains available.

Calling up previous page:

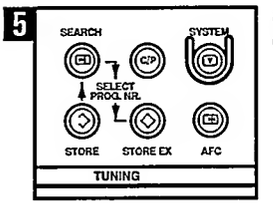
- Press button ◀☰.

B. Page selection of the permanently stored page numbers

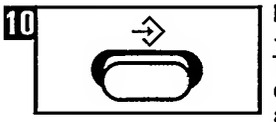
The permanent memory offers the possibility of recording a maximum of 8 regularly consulted page numbers.
An overview of these page numbers can be called up and filled in independent of the programme number chosen. In this overview you can see the complete teletext information line for each line.

Important!
The page numbers stored in the memory apply to all TV transmitting stations which broadcast teletext.
If teletext is switched on, the first page recorded in the permanent memory appears, if present, on the screen.
Note: Page number 100 is already recorded in the factory.

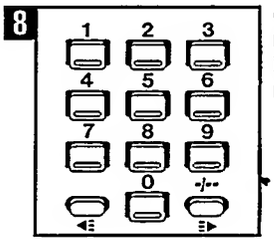
Calling up the overview and recording page numbers



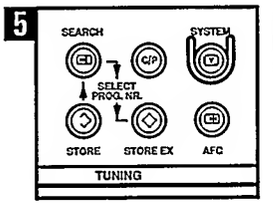
a. Press button ◇ (STORE). The overview now appears on the screen.



b. You can alter position using button ⇨ (1-8).
The position selected is indicated by a change in the colour of the position and page number.

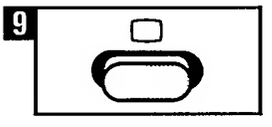


c. Select the desired (existing) page number.
Repeat actions **b** and **c** to record the remaining page numbers.

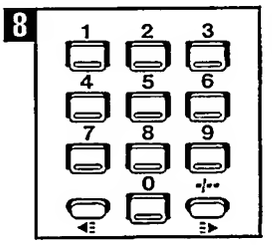


d. Press button ◇ (STORE EX). The programme and page numbers input are now recorded in the memory.

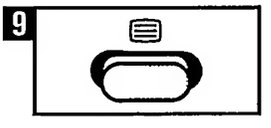
Calling up pages



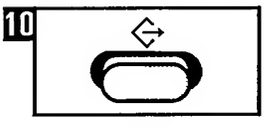
a. Press button ▭.



b. Select the TV transmitting station (programme number) from which teletext is broadcast.



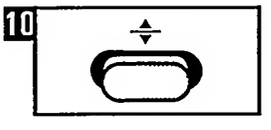
c. Press button ▤.



d. Press button ⇳ to call up the pages.

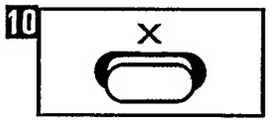
Other Teletext functions

Double letter height

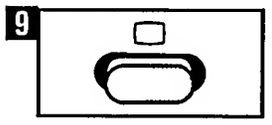


- Press button ⇳ for double letter height in the top half of the page.
- Press button ⇳ for double letter height in the bottom half of the page.
- Press button ⇳ again for normal letter height.

Interruption of Teletext



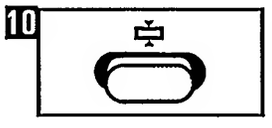
- Press button ✕.
- To return to Teletext, press button ✕ again.



It is now not possible to change the programme. You must first switch off Teletext with button ▭.

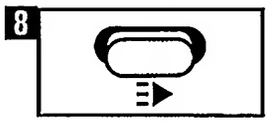
Stop changing pages

If a page contains more text than a Teletext page allows, use is frequently made of changing pages within the same page number.

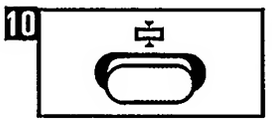


- Press button ⊟.

The 'circulating' pages which follow are now stored in the memory.



- Press key ⋿▶ to call up the following 'circulating' page.

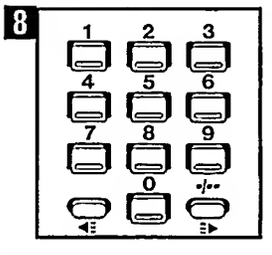


- Press key ⊟ the page 'circulates' (changes) again.

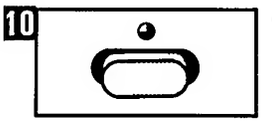
Time code/subcode

A time code or subcode may be added to page numbers at the discretion of the Teletext editors.

This makes it possible to:
a. call up a page at a desired time (time code), or
b. select one of the changing pages directly (subcode).

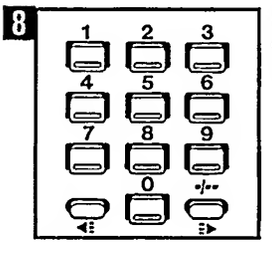


a.Time code
- Select the required page number (e.g. P123).

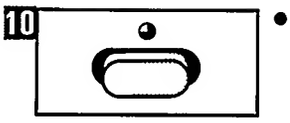


- Press button ◕.

- Select the required time (e.g. 13.19 hours). The information line will now display e.g. P123 ⓔ 1319.



b. Subcode
- Select the required page number (e.g. 123).



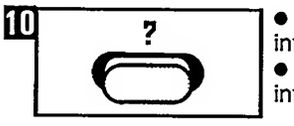
- Press button ◕.

- Select the required subcode (e.g. 3). The information line now displays P123 ⓔ 0003.

Note: The selected page, followed by a time code or subcode can:
a. be called up directly by pressing button ⇳, or
b. be stored in the temporary memory by pressing button ⇳.

Concealed information

Depending on the contents of the page, concealed information can be called up.



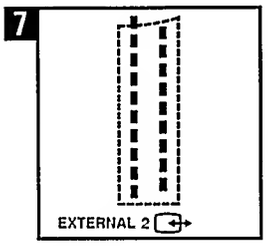
- Press button ?. The concealed information appears on the screen.
- Press button ? again. The information disappears.

Teletext with TV programme

- Press button ⧄.
- To return to Teletext, press button ⧄ again.

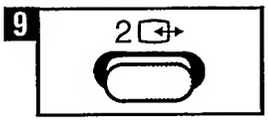
Other connection facilities

Euroconnector



Alle information concerning the Euroconnector applies both connections EXT 1 and EXT 2.

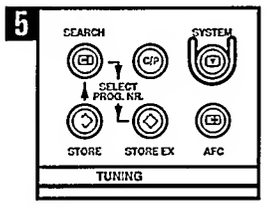
The Euroconnector is a multi-functional connection socket for both Audio and Video equipment (including RGB).



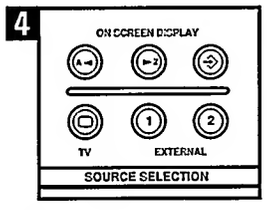
- Press button 2, indicator EXT 2 appears ± 3 sec. on the left of the screen.

If peripheral equipment of the NTSC (M) standard has been connected, the picture starts to scroll.
If the EXT 2 key is pressed for approx 2 seconds, the picture will stop scrolling.

Note: If required the source name can be programmed via OSD:

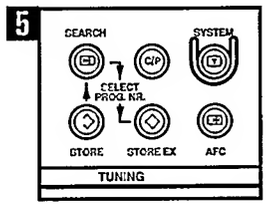


- Press button ◇ (STORE).



- Press button A ← or → Z until the required letter or digit is found.
- Press button → (ENTER).

Select the following letter or digit etc. Repeat the operations until the source name is stored (max. 5 positions).

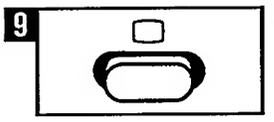


- Press button ◇ (STORE EX).

Switching to the External mode may be:

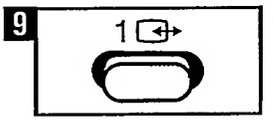
a. automatic,
if the unit connected supplies the switchover signals for this.

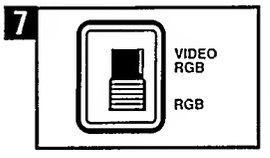
Note: If required, you can cancel the automatic switchover.



- Press button □.

b. non-automatic,
if the unit connected does not supply switchover signals, button 1 on the remote control must be pressed.



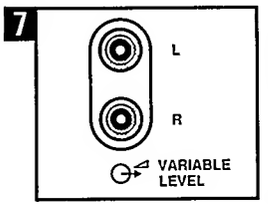


Important!
If a unit connected to the Euroconnector supplies RGB signals without switchover signals, switch VIDEO RGB/RGB should be set to the RGB position.

As long as the switch is in the RGB setting, only the RGB picture can appear on the screen. If you wish to return to TV reproduction, the switch must first be set to VIDEO-RGB, otherwise the screen remains completely black.
When again switching on, the apparatus is automatically set for the reproduction of TV signals. With the switch in the RGB setting, there is thus no picture nor any other information on the screen.

If in doubt, consult the Operating Instructions for the connected unit.

Variable output level

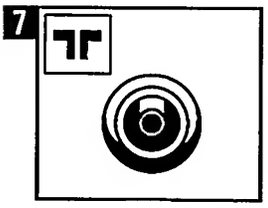


Connection for Audio equipment
This output can be linked with the auxiliary (AUX) input of your audio unit so that you can play back the sound via your sound equipment.

The sound adjustments can also be made with the remote control.

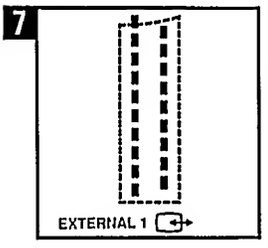
Video Recorder

Connection

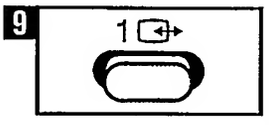


Connect the TV aerial cable to input on the Video Recorder.

Connect the cable supplied with the Video Recorder to output TV on the Video Recorder and aerial input on the TV.



As an extra you can also connect a Eurocable, if the Video Recorder is supplied with a Euroconnector. The connection is made via Euroconnector EXTERNAL 1 (1).



- Press button EXT 1 (1).

If a Video Recorder of the NTSC (M) system has been connected, the picture starts to scroll.
If the EXT 1 key is pressed for approx 2 seconds, the picture will stop scrolling.

Ask your dealer for the correct Eurocable.

Connecting the Video Recorder via the Euroconnector offers the following advantages:
- increased quality of picture and sound reproduction.
- easier operation.
- the facility to playback stereo signals.

Important EXTERNAL 1
If a Eurocable is connected, the TV is automatically switched over to the Video Recorder signal so that the Video Recorder gives a signal (e.g. in 'Playback' mode).

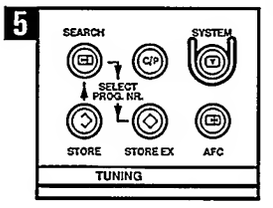
Searching Video Recorder signal

(if the Video Recorder is connected via the aerial)

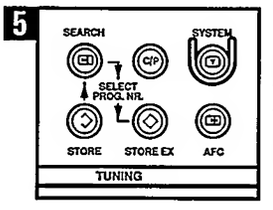
Press the playback button 'PLAY' on the Video Recorder. There must **not** be a cassette in the cassette holder.

To search for and store the Video Recorder signal in the memory (recognisable by a test pattern), you should perform the following operations **A**, **B**, **C**, and **D*** on the TV.

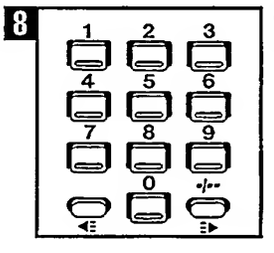
*See 'Searching for TV transmitting stations and recording them in the memory'.



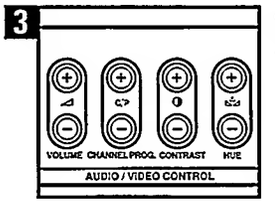
A Opening the memory
- Press button ◇ (STORE).



B Searching Video Recorder signal
- Press button ⏭ (SEARCH) briefly. Channel numbers now begin to run up in the window. This stops as soon as a TV picture is received. If this is not the Video Recorder signal, then continue searching by pressing button ⏭ (SEARCH) briefly again.

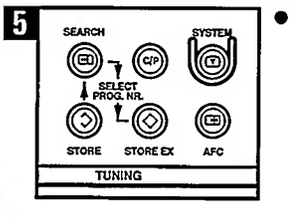


C Select programme number
- Programme numbers 0, 48, or 49* are reserved for the Video Recorder.



- Press button — or + C/P to select programme number 0, 48 or 49*.

* Programme number 0 for the European standard (PAL).
Programme number 48 for the American Standard (NTSC).
Programme number 49 for the French standard (SECAM).



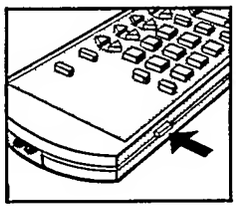
D Storing the Video Recorder signal in the memory
- Press button ◇ (STORE EX).

Operating the Video Recorder

a. If no Eurocable is connected, select the reserved programme number for the Video Recorder channel.

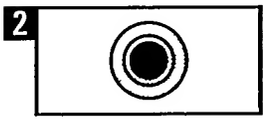
b. If a Eurocable is connected, your TV is automatically switched over to the Video Recorder channel.

Operation via the TV remote control

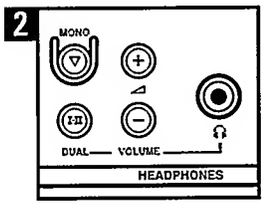


As long as the button (on the side of the remote control) is kept pressed in, instructions can be given to the Video Recorder (from our range).
For the use and functions of the symbols, see the Operating Instructions for your Video Recorder.
The functions of these buttons correspond to those of the buttons on the Video Recorder.

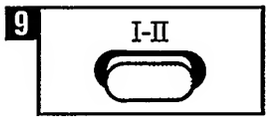
Headphones



This connection is for headphones with an impedance of between 8 and 1000 ohms and is of the 6.3 mm jack-type socket.



If headphones are connected, you can control the volume ◿ with the + and — (VOLUME) buttons.



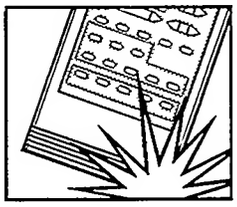
Button DUAL I-II for the selection of another language (if broadcast).

Note: The volume of the headphones can also be stored under the 'green' PP button, see section 'Personal preference setting of picture and sound' for this.

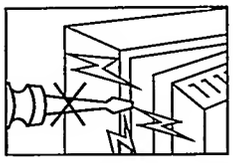
General

What to do in case of faults

- If the TV does not give the desired result when used, check that the power is on, the aerial is connected and that all the controls are set correctly.
- If there is no picture, check that the VIDEO RGB - RGB switch is in the VIDEO RGB position.
- If a bright white line appears on the TV screen, or the TV indicator lamps start to flash when you are not operating any of the controls, then switch off the TV and switch it on again. If this does not achieve the required result, consult your dealer.



In order to get the longest possible service from your remote control, we advise you to handle it carefully and to avoid dropping or knocking it. If the TV no longer reacts to commands given with the remote control, then the batteries are probably flat. Replace them. It is advisable to use Philips Alkaline batteries, type LR03.

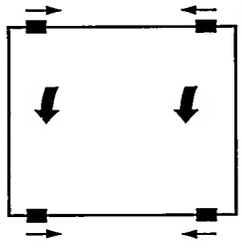


- The rear panel of the set may be removed only by a service technician.

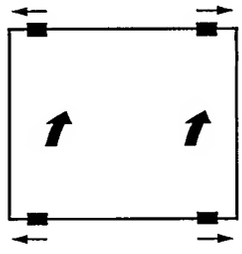
Cleaning the TV

The TV screen can be cleaned if necessary with a damp chamois leather. Do not use aggressive cleaning agents.

Cleaning the Daylight Screen



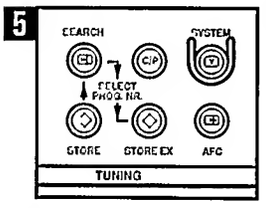
Remove the daylight screen as indicated.



After cleaning the screen, replace it as indicated.

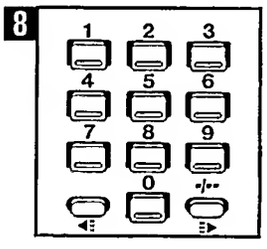
Technical information

Direct TV channel selection

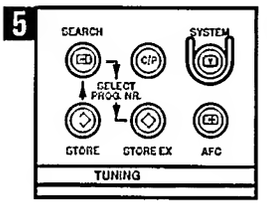


- Press button C/P.

The indicator CH appears briefly on the screen followed by a two digit number (or a three digit number on the hyperband model).

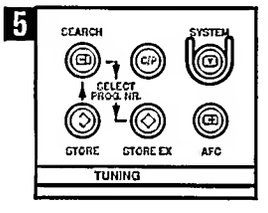


- Select the required channel number with the digit buttons.



Fine tuning (AFC)
If a TV transmitting station found is not being optimally received, extra tuning can be carried out to improve the picture.

- Press button ⊏⊣ (AFC).



- Press button C/P in order to regain the normal mode.

Euroconnector specifications

Pin			external 1 1⊐→	external 2 2⊐→
1	audio output (right channel)	0.5 Vrms/1 kohm	x	x
2	audio input (right channel)	0.5 Vrms/10 kohms	x	x
3	audio output (left channel)	0.5 Vrms/1 kohm	x	x
4	audio earth connection		x	x
5	B input earth connection		x	
6	audio input (left channel)	0.5 Vrms/10 kohms	x	x
7	B input	0.7 Vpp/75 ohms	x	
8	remote control signals + status input (EXT 1)	0-2/10-12V/10 kohms	x	x
9	G input earth connection		x	
10	not connected			
11	G input	0.7 Vpp/75 ohms	x	
12	not connected			
13	R input earth connection		x	
14	not connected			
15	R input	0.7 Vpp/75 ohms	x	
16	fast blanking input	0-0.4V/1-3V/75 ohms	x	
17	CVBS earth connection		x	x
18	fast blanking earth connection		x	
19	CVBS output	1 Vpp/75 ohms	x	x
20	CVBS input	1 Vpp/75 ohms	x	x
21	cover		x	x

Channel number indications on the screen

	* Channel number	Channel indication
	02-04	VHF (band I)
	05-12	VHF (band III)
	21-69	UHF (band IV)
Italian channels	13	A
	14	B
	15	C
	16	D
	17	E
	18	F
	19	G
	20	H
	11	L
S channels band I	74	S1
	75	S2
	76	S3
S channels band III	80	S1
	81	S2
	82	S3
	—	
	98	S19
	99	S20
Hyperband	100	
	101	
	102	
	103	
	104	
	105	
	106	
	107	
	108	
	109	
	110	
	111	
	112	
	113	
	114	
	115	
	116	
	117	
	118	
	119	
	120	

* 002, 003, ... (on the hyperband model).

(GB)	**IDENTITY CARD**	This card together with the terms of guarantee (to be provided by your dealer) forms the full certificate of guarantee for this appliance
(D)	**GERATE-KENNKARTE**	Diese Karte ist zusammen mit den Garantiebestimmungen, die Ihr Handler Ihnen aushandigt Ihr Garantieschein fur dieses Gerat
(F)	**CARTE D'INDENTIFI-CATION**	Associee aux conditions de garantie (qui vous sont remises par le revendeur) cette carte constitue le certificat de garantie de cet appareil
(NL)	**INDENTIFI-CATIEKAART**	Deze kaart vormt samen met de garantievoorwaarden (welke door uw dealer verstrekt worden), het garantiebewijs voor dit apparaat
(I)	**CARTE D'IDENTIFI-CAZIONE**	Questa cartolina rappresenta insieme alle condizioni di garanzia (da consegnare dal vostro rivenditore) il documento di garanzia per questo apparecchio
(E)	**TARJETA DE INDENTIFICACIÓN**	La garantia de este aparato se compone de esta tarjeta y de las condiciones de garantia que le entregará su concesionario
(P)	**CARTÃO DE INDENTIFICAÇÃO**	Este cartão em conjunto com as condições de garantia em vigor (explicadas pelo seu vendedor) constituem o certificado de garantia do seu aparelho
(DK)	**I D. KORT**	Dette kort udfyldt af Deres forhandler, er tilstrækkelig garantidokumentation for dette apparat
(N)	**IDENTIFIKA-SJOSKORT**	Dette kort sammen med garantibetingelsene (som De får av forhandleren) utgjor garantibeviset for dette apparat
(S)	**IDENTIFIERINGS-KORT**	Detta kort tillsammans med garantivillkoren, som Du får av radiohandlaren utgor ett fullstandigt garantibevis for denna produkt
(SF)	**TUNNISTUS-KORTTI**	Taman laitteen takuutodistus muodostuu tasta kortista ja takuuehdoista (jalleenmyyja antaa mukaan)
(GR)	**ΔΕΛΤΙΟ ΤΑΥΤΟΤΗΤΑΣ**	Η καρτελλα αυτη μαζι με τους ορους εγγυησεως που θα προμηθευθειτε απο το καταστημα που αγορασατε την συσκευη αποτελουν το πληρες πιστοποιητικο εγγυησεως της συσκευης σας

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